

EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT

ED
VO

...

```

LL          IIIIII          SSSSSSSS
LL          IIIIII          SSSSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LL          II             SSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LLLLLLLLLLLL IIIIII          SSSSSSSS
LLLLLLLLLLLL IIIIII          SSSSSSSS

```

```
0001 0 %TITLE 'EDT$CHMEMESS - Erase the message line'
0002 0 MODULE EDT$CHMEMESS ( ! Erase the message line
0003 0 IDENT = 'V04-000' ! File: CHMEMESS.BLI Edit: JBS1010
0004 ) =
0005 BEGIN
0006
0007 *****
0008 *
0009 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
0010 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
0011 * ALL RIGHTS RESERVED.
0012 *
0013 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
0014 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
0015 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
0016 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
0017 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
0018 * TRANSFERRED.
0019 *
0020 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
0021 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
0022 * CORPORATION.
0023 *
0024 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0025 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0026 *
0027 *****
0028
0029 ++
0030
0031 FACILITY: EDT -- The DEC Standard Editor
0032
0033 ABSTRACT:
0034
0035 This module erases the message line.
0036
0037 ENVIRONMENT: Runs at any access mode - AST reentrant
0038
0039 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
0040
0041 MODIFIED BY:
0042
0043 1-001 - Original. DJS 04-Feb-1981. This module was created by
0044 extracting the routine EDT$ERA_MSGLN from module CHANGE.BLI.
0045
0046 1-002 - Regularize headers. JBS 27-Feb-1981
0047
0048 1-003 - Fix module name. JBS 02-Mar-1981
0049
0050 1-004 - Erase both message lines. SMB 21-Jun-1982
0051
0052 1-005 - Reset EDT$G_LASTMSG. JBS 05-Jul-1982
0053
0054 1-006 - Erase to end of screen instead of two lines separately. SMB 31-Aug-1982
0055
0056 1-007 - Move clearing of message flag. SMB 06-Oct-1982
0057
0058 1-008 - Restore the cursor after clearing the message line. JBS 09-Oct-1982
0059
0060 1-009 - Change the call to erase screen. JBS 23-Oct-1982
0061
0062 1-010 - Don't restore the cursor if it has no current location. JBS 17-Jan-1983
0063
0064 --
```

EDT\$CHMEMESS
V04-000

EDT\$CHMEMESS - Erase the message line
Declarations

H 1
15-Sep-1984 23:50:48
14-Sep-1984 12:22:27

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]CHMEMESS.BLI;1 Page 2
(2)

```

58 0057 1 %SBTTL 'Declarations'
59 0058 1
60 0059 1 TABLE OF CONTENTS:
61 0060 1
62 0061 1
63 0062 1 REQUIRE 'EDT$SRC:TRAROUNAM';
64 0501 1
65 0502 1 FORWARD ROUTINE
66 0503 1 EDT$SERA_MSGLN : NOVALUE;
67 0504 1
68 0505 1
69 0506 1 INCLUDE FILES:
70 0507 1
71 0508 1
72 0509 1 REQUIRE 'EDT$SRC:EDTREQ';
73 0644 1
74 0645 1
75 0646 1 MACROS:
76 0647 1
77 0648 1 NONE
78 0649 1
79 0650 1 EQUATED SYMBOLS:
80 0651 1
81 0652 1 NONE
82 0653 1
83 0654 1 OWN STORAGE:
84 0655 1
85 0656 1 NONE
86 0657 1
87 0658 1 EXTERNAL REFERENCES:
88 0659 1
89 0660 1 In the routine
```

! Erase the message line

```

91 0661 1 XSBTTL 'EDT$ERA_MSGLN - erase the message line'
92 0662 1
93 0663 1 GLOBAL ROUTINE EDT$ERA_MSGLN ! Erase the message line
94 0664 1 : NOVALUE =
95 0665 1
96 0666 1 ++
97 0667 1 FUNCTIONAL DESCRIPTION:
98 0668 1
99 0669 1 This routine erases the message line if there is currently a message
100 0670 1 on it.
101 0671 1
102 0672 1 FORMAL PARAMETERS:
103 0673 1
104 0674 1 NONE
105 0675 1
106 0676 1 IMPLICIT INPUTS:
107 0677 1
108 0678 1 EDT$G_MSGFLG
109 0679 1 EDT$G_TIN_ECHOFLG,
110 0680 1 EDT$G_TIN_ECHOPOS,
111 0681 1 EDT$G_MESSAGE_LINE,
112 0682 1
113 0683 1 IMPLICIT OUTPUTS:
114 0684 1
115 0685 1 EDT$G_MSGFLG
116 0686 1 EDT$G_TIN_ECHOFLG,
117 0687 1 EDT$G_TIN_ECHOPOS,
118 0688 1 EDT$G_LASTMSG
119 0689 1
120 0690 1 ROUTINE VALUE:
121 0691 1
122 0692 1 NONE
123 0693 1
124 0694 1 SIDE EFFECTS:
125 0695 1
126 0696 1 May erase the message line
127 0697 1
128 0698 1 --
129 0699 1
130 0700 2 BEGIN
131 0701 2
132 0702 2 EXTERNAL ROUTINE
133 0703 2 EDT$SC_POSCSIF, ! Put cursor position in format buffer
134 0704 2 EDT$SC_ERAALL; ! Erase to end of screen
135 0705 2
136 0706 2 EXTERNAL
137 0707 2 EDT$G_TIN_ECHOFLG,
138 0708 2 EDT$G_TIN_ECHOPOS,
139 0709 2 EDT$G_MESSAGE_LINE, ! The line number for messages
140 0710 2 EDT$G_MSGFLG, ! Indicates a message has been displayed
141 0711 2 EDT$G_LASTMSG, ! The last message displayed (1 = none)
142 0712 2 EDT$G_CUR_COL, ! Current column
143 0713 2 EDT$G_CS_LNO; ! Current line
144 0714 2
145 0715 2 LOCAL
146 0716 2 OLD_CS_LNO;
147 0717 2
```

```
148 0718 2 1+
149 0719 2 1- Check for message.
150 0720 2 1-
151 0721 2 1-
152 0722 2 1- IF (.EDT$$G_MSGFLG NEQ 0) OR (.EDT$$G_TIN_ECHOFLG)
153 0723 2 1- THEN
154 0724 2 1- BEGIN
155 0725 2 1-
156 0726 2 1- Reset the message and echo flags.
157 0727 2 1-
158 0728 2 1- EDT$$G_MSGFLG = 0;
159 0729 2 1- EDT$$G_TIN_ECHOPOS = 0;
160 0730 2 1- EDT$$G_TIN_ECHOFLG = 0;
161 0731 2 1- EDT$$G_LASTMSG = 1;
162 0732 2 1-
163 0733 2 1- Erase the message lines.
164 0734 2 1-
165 0735 2 1- OLD_CS_LNO = .EDT$$G_CS_LNO;
166 0736 2 1- EDT$$G_CS_LNO = .EDT$$G_MESSAGE_LINE;
167 0737 2 1- EDT$$SC_ERAALL ();
168 0738 2 1- EDT$$G_CS_LNO = .OLD_CS_LNO;
169 0739 2 1-
170 0740 2 1- Restore the cursor.
171 0741 2 1-
172 0742 2 1-
173 0743 2 1- IF (.EDT$$G_CS_LNO GEQ 0) THEN EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, .EDT$$G_CUR_COL);
174 0744 2 1-
175 0745 2 1- END;
176 0746 2 1-
177 0747 1 1- END;
```

! of routine EDT\$\$ERA_MSGLN

.TITLE EDT\$CHMEMESS EDT\$CHMEMESS - Erase the message line

.IDENT \V04-000\

```
.EXTRN EDT$$SC_POSCSIF
.EXTRN EDT$$SC_ERAALL, EDT$$G_TIN_ECHOFLG
.EXTRN EDT$$G_TIN_ECHOPOS
.EXTRN EDT$$G_MESSAGE_LINE
.EXTRN EDT$$G_MSGFLG, EDT$$G_LASTMSG
.EXTRN EDT$$G_CUR_COL, EDT$$G_CS_LNO
```

.PSECT _EDT\$CODE, NOWRT, SHR, PIC, 2

55	00000000G	00	9E	00002	.ENTRY EDT\$\$ERA_MSGLN, Save R2,R3,R4,R5	: 0663
54	00000000G	00	9E	00009	MOVAB EDT\$\$G_MSGFLG, R5	:
53	00000000G	00	9E	00010	MOVAB EDT\$\$G_TIN_ECHOFLG, R4	:
		65	D5	00017	MOVAB EDT\$\$G_CS_LNO, R3	:
		03	12	00019	TSTL EDT\$\$G_MSGFLG	: 0722
39		64	E9	0001B	BNEQ 1\$:
		65	D4	0001E	BLBC EDT\$\$G_TIN_ECHOFLG, 2\$:
	00000000G	00	D4	00020	CLRL EDT\$\$G_MSGFLG	: 0728
		64	D4	00026	CLRL EDT\$\$G_TIN_ECHOPOS	: 0729
00000000G	00	01	D0	00028	CLRL EDT\$\$G_TIN_ECHOFLG	: 0730
52		63	D0	0002F	MOVL #1, EDT\$\$G_LASTMSG	: 0731
					MOVL EDT\$\$G_CS_LNO, OLD_CS_LNO	: 0735

EDT\$CHMEMESS
V04-000

EDT\$CHMEMESS - Erase the message line
EDT\$\$ERA_MSGLN - erase the message line

K 1
15-Sep-1984 23:50:48
14-Sep-1984 12:22:27

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]CHMEMESS.BLI;1
Page 5
(3)

00000000G	63	00000000G	00	D0	00032	MOVL	EDT\$\$G_MESSAGE_LINE, EDT\$\$G_CS_LNO	:	0736
	00		00	FB	00039	CALLS	#0, EDT\$\$SC_ERAALL	:	0737
	63		52	D0	00040	MOVL	OLD_CS_LNO, EDT\$\$G_CS_LNO	:	0738
	50		63	D0	00043	MOVL	EDT\$\$G_CS_LNO, R0	:	0743
			0F	19	00046	BLSS	2\$:	
		00000000G	00	DD	00048	PUSHL	EDT\$\$G_CUR_COL	:	
			50	DD	0004E	PUSHL	R0	:	
00000000G	00		02	FB	00050	CALLS	#2, EDT\$\$SC_POSCSIF	:	
			04	00057	2\$:	RET		:	0747

; Routine Size: 88 bytes, Routine Base: _EDT\$CODE + 0000

; 178 0748 1
; 179 0749 1 !<BLF/PAGE>

ED
VO

EDT\$CHMEMESS
V04-000

EDT\$CHMEMESS - Erase the message line
EDT\$\$ERA_MSGLN - erase the message line

1
15-Sep-1984 23:50:48
14-Sep-1984 12:22:27

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]CHMEMESS.BLI;1 Page 6 (4)

: 181 0750 1 END
: 182 0751 1
: 183 0752 0 ELUDOM

! of module EDT\$CHMEMESS

PSECT SUMMARY

Name Bytes Attributes
_EDT\$CODE 88 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	0	0	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:CHMEMESS/OBJ=OBJ\$:CHMEMESS MSRC\$:CHMEMESS.BLI/UPDATE=(ENH\$:CHMEMESS)

: Size: 88 code + 0 data bytes
: Run Time: 00:11.1
: Elapsed Time: 00:30.6
: Lines/CPU Min: 4072
: Lexemes/CPU-Min: 10586
: Memory Used: 63 pages
: Compilation Complete

0131 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY